

h. Synopsis of Neuroptera [announcement of a new edition of Dr. Hagen's Synopsis of the Pseudo-Neuroptera and Neuroptera of North America, and request for contribution of materials], p. 76. i. On the Use of Cyanide of Potassium [directions for catching and killing moths, "etc."] (by Joseph E. Chase), p. 97-98. j. Entomological Club of the American Association for the Advancement of Science [announcement of meeting to be held at Detroit, Aug. 10, 1875], p. 118-119. k. Important to Entomologists [further announcement of next meeting of Entom. Club. A. A. A. S., and call for a large attendance], p. 121-122. l. *Pieris rapæ* [spreading westward in Ontario] (by W. Saunders), p. 163. m. *Pterophorus periscelidactylus* [capture of this species (at ? Kingston, Ont.), Oct. 31, while the thermometer was several degrees below freezing] (by R. V. Rogers), p. 218. n. Petitions for exchanges [offering insects of Nebraska and Kansas, and Coleoptera of New York, the Gulf States, Europe, Australia and New Zealand] (by J. M. Grant, George P. Cooper, F. G. Schaupp [mispr.], W. V. Andrews), p. 219. o. Canadian Entomologist [full sets can now be supplied], p. 220. Index, p. 249-252.

Proceedings of the Club.

§ 9. MIMICRY. MR. SCUDDER spoke of the mimicry between *Basilarchia Disippe* and the co-territorial species of *Danaus*; where *Plexippus* is the more abundant species of *Danaus*, the mimicking *B. Disippe* wholly resembles it in color; but where *D. Berenice* prevails (as in the extreme south) the color of the mimicking species darkens so as to resemble it. He did not think that we had yet reached a satisfactory solution of the facts of mimicry. If the object of mimicry is the protection of the insect, why does it not occur more frequently in those stages of the insect's life when the animal is peculiarly liable to attack from such foes as mimicry is presumed to blind? Nine-tenths at least of every brood of any given insect are destroyed during the larval period, and so far as he was aware, there was but a single instance known, in which one caterpillar mimicked another less liable than itself to the attacks of foes. He referred to the mimicry, said by Boisduval to be shown by the African *Diadema Bolina* to *Danaus Chrysippus*.

(March 13, 1874.)

MR. E. BURGESS called attention to the imitation of twigs which obtains in many larvæ of Phalaenidae, as examples of protective mimicry in the early stages of Lepidoptera.

(April 10, 1874.)